

UMG 604-PRO – Functionally Expandable Power Analyzer



POWER ANALYSIS FOR MULTIPLE APPLICATIONS

The UMG 604-PRO is the reliable workhorse of power analysis. It is an excellent choice for measuring electrical parameters such as voltage, current, power (kWh, kvarh) and harmonics in building installations, on distribution units, at circuit breakers, and within busbar trunking systems.

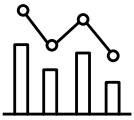
But the UMG 604 PRO is even more than a multifunction meter. The Janitza APP Integration for additional features such as Watchdogs PQ and mini-EMS function is added value for single

use cases in various application markets. The UMG 604-PRO can also act as a Modbus master, collecting and processing data from connected energy and basic meters.

All data is centrally available in Janitza's GridVis® Power Grid Monitoring Software for reporting, analysis, and remote access. The result: maximum grid stability, assured compliance, ensuring transparent monitoring both onsite and remotely.

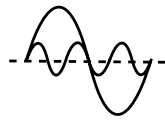
Janitza

THE COMPREHENSIVE SOLUTION FOR POWER ANALYSIS



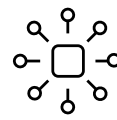
ENERGY MANAGEMENT

Energy data collection and PQ analysis at 200 ms intervals



POWER QUALITY

Detects sags, harmonics and overcurrents



COMMUNICATION

Broad protocol support, integrated Modbus gateway

The UMG 604-PRO delivers real-time measurement of all critical parameters at the grid connection point. Certified according to VDE-AR-N 4110/4120 and tested for use in industrial environments, the UMG 604-PRO also complies with international standards, including ENTSO-E RfG as well as IEC and IEEE standards. This guarantees reliable and standards-compliant grid integration worldwide.

With its wide range of interfaces and support for leading industry protocols, the UMG 604-PRO enables seamless communication with grid controllers and modern IoT platforms. An integrated web interface plus monitoring and analysis apps make it a complete, future-proof solution for today's energy systems.

Solution for data centers

Power and energy monitoring for incomer and main distribution panel.

Production solution

Power and energy monitoring for main panels in industries and master gateway for basic energy counter.

Solution for energy suppliers

Power and energy monitoring for zero feed in of grid regulation, active and reactive energy monitoring with inverter connection.

Solution for buildings and infrastructure

Power and energy monitoring for incomer and main distribution panel.

© This content is published by:
Janitza electronics GmbH ■ Vor dem Polstück 6 ■ 35633 Lahnau, Germany
Email: info@janitza.de ■ www.janitza.com

FURTHER INFORMATION:
www.janitza.com/en/products/umg-604-pro

Doc. no.: 2.500.384.0 ■ Last update 10/2025 ■ Subject to technical alternations.